



Project Team

Congestion Relief & Bus Rapid Transit Projects

APPENDIX X

Survey and Mapping

I-405, SR520 to SR522 Stage 1 (Kirkland Stage 1)

Draft RFP
March 22, 2005



**Washington State
Department of Transportation**



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Geographic Services

SURVEY INFORMATION SYSTEM

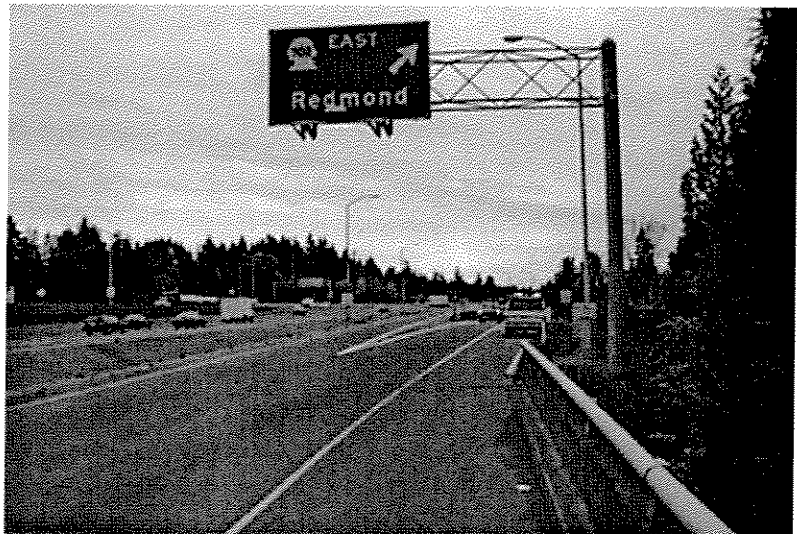
Report of Survey Mark

GENERAL MONUMENT INFORMATION

Designation:	GP17405-17	T.R.S:	25N, 5E, 4	ACCOUNTS INFORMATION		
Monument ID:	570	Corner Code:		BOOK	PROJECT	INVOICE
State:	WASHINGTON	State Route:	405	225	XL1546	23-01050
County:	KING	Mile Post:	18.100	26	L7858	23-92043
Region:	NW	Station:				
Nearest Town:	BELLEVUE	Offset:				
Usqs Quad:	KIRKLAND	Owner:	GS			
		Bearing:	M			

Description

THE STATION IS LOCATED AT THE JUNCTION OF SR 405 AND SR 908 ON THE SOUTHWEST CORNER OF THE WESTERLY MOST OF THREE SR 405 OVERCROSSING STRUCTURES, 6.0 METERS WEST OF THE APPROXIMATE CENTERLINE OF ROAD AND 4.5 METERS NORTHEAST OF A POWER POLE. THE MARK IS A WSDOT BRASS DISK SET INTO THE TOP OF A CONCRETE CURB, 61 CM NORTH OF THE SOUTH END OF THE BRIDGE. *NOTE: CONSTRAINED TO HPN BY GPS.



CURRENT SURVEY CONTROL

DATUM	LATITUDE	UNIT	LONGITUDE	UNIT	NETWORK	METHOD	ACCURACY
NAD 83/91	47 40 43.915395	N	122 11 06.047811	W	PRIMARY	GPS	2 CM
	ELLIP HGT						
NAD 83	64.567	M				GPS	5 CM
	ORTHO HGT						
NAVD 88	88.034	M			SECONDARY	GPS	5 CM
SPC ZONE	NORTHING	UNIT	EASTING	UNIT	SCALE	CONV.ANGLE	COMB.FACTOR
N	76368.796	M	398514.117	M	0.99997144	-1 00 22.9	

MONUMENTATION HISTORY

DATE	RECOVERED BY	CONDITION
01/01/1989	GEOGRAPHIC SERVICES	MONUMENTED



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SURVEY INFORMATION SYSTEM

Report of Survey Mark

GENERAL MONUMENT INFORMATION

Designation:	IS1740	T.R.S:	25N, 5E , 4	ACCOUNTS INFORMATION		
Monument ID:	1992	Corner Code:		BOOK	PROJECT	INVOICE
State:	WASHINGTON	State Route:	405	227	XL1546	23-01050
County:	KING	Mile Post:	18.500	76	004161	23-95017
Region:	NW	Station:				
Nearest Town:	KIRKLAND	Offset:				
Usgs Quad:	KIRKLAND	Owner:	GS			
		Bearing:	M			

Description

TO REACH THE STATION FROM THE JUNCTION OF SR 405 AND SR 520, GO NORTH 3.70 MILES ALONG SR 405 TO MARK ON RIGHT. IT IS LOCATED IN THE EAST ASPHALT SHOULDER, 15.8 METERS NORTH OF AN ELECTRICAL BOX, 10.0 METERS SOUTHWEST OF A BEND IN THE CHAIN LINK RIGHT OF WAY FENCE. THE MARK IS A 3 CM IRON PIPE WITH AN ALUMINUM SURV CAP DRIVEN INTO THE GROUND AND UNDER A MONUMENT CASE AND COVER.



CURRENT SURVEY CONTROL

DATUM	LATITUDE	UNIT	LONGITUDE	UNIT	NETWORK	METHOD	ACCURACY
NAD 83/91	47 41 00.416224	N	122 10 59.522166	W	SECONDARY	GPS	2 CM
	ELLIP HGT						
NAD 83	57.732	M				GPS	5 CM
	ORTHO HGT						
NAVD 88	81.183	M			SECONDARY	DIFF LEVELS	1 CM
SPC ZONE	NORTHING	UNIT	EASTING	UNIT	SCALE	CONV.ANGLE	COMB.FACTOR
N	76875.933	M	398659.141	M	0.99997084	-1 00 18.0	

MONUMENTATION HISTORY

DATE	RECOVERED BY	CONDITION
09/26/1995	GEOGRAPHIC SERVICES	MONUMENTED



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SURVEY INFORMATION SYSTEM

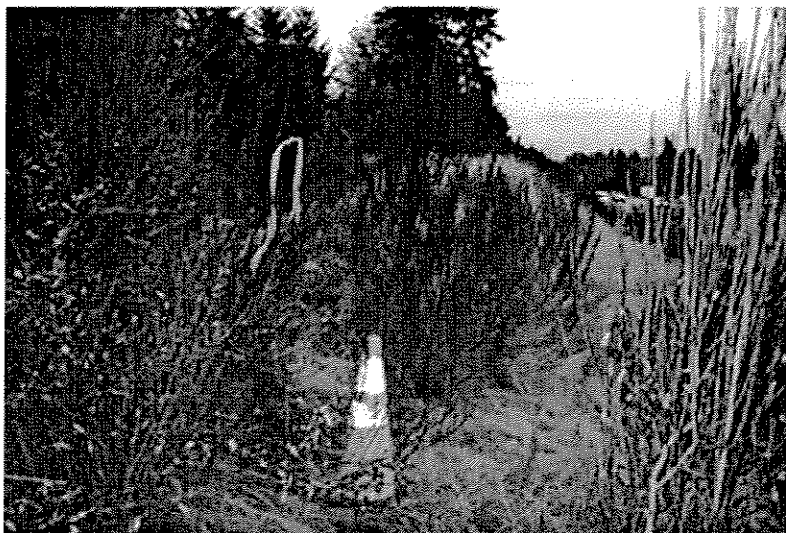
Report of Survey Mark

GENERAL MONUMENT INFORMATION

Designation:	GP17405-75	T.R.S:	25N, 5E, 5	ACCOUNTS INFORMATION		
Monument ID:	907	Corner Code:		BOOK	PROJECT	INVOICE
State:	WASHINGTON	State Route:	405	227	XL1546	23-01050
County:	KING	Mile Post:	18.700	26	0L7858	23-92043
Region:	NW	Station:				
Nearest Town:	BELLEVUE	Offset:				
Usgs Quad:	KIRKLAND	Owner:	GS			
		Bearing:	M			

Description

TO REACH THE STATION FROM THE JUNCTION OF SR 405 AND SR 090 IN BELLEVUE, GO NORTH 7.60 MILES ALONG SR 405 TO MARK ON LEFT. IT IS LOCATED 9.7 METERS WEST OF THE EDGE OF PAVEMENT, 45.3 METERS SOUTHEAST OF AN ANGLE POINT IN R/W FENCE LINE AND 7.7 METERS EAST OF A R/W FENCE. THE MARK IS A WSDOT BRASS DISK SET INTO A CONCRETE MONUMENT.



CURRENT SURVEY CONTROL

DATUM	LATITUDE	UNIT	LONGITUDE	UNIT	NETWORK	METHOD	ACCURACY
NAD 83/91	47 41 18.212381	N	122 10 56.606955	W	PRIMARY	GPS	2 CM
	ELLIP HGT						
NAD 83	62.074	M				GPS	5 CM
	ORTHO HGT						
NAVD 88	85.523	M			PRIMARY	GPS	5 CM
SPC ZONE	NORTHING	UNIT	EASTING	UNIT	SCALE	CONV.ANGLE	COMB.FACTOR
N	77424.392	M	398729.562	M	0.99997019	-1 00 15.8	

MONUMENTATION HISTORY

DATE	RECOVERED BY	CONDITION
04/01/1993	GEOGRAPHIC SERVICES	MONUMENTED



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SURVEY INFORMATION SYSTEM

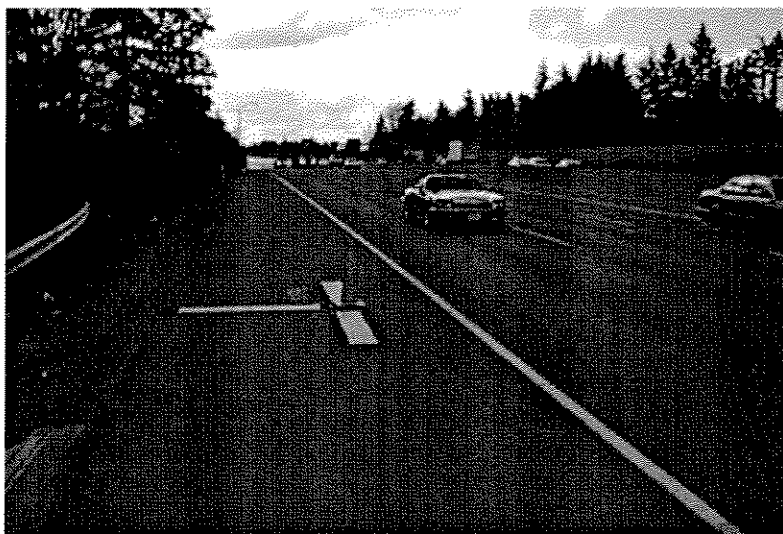
Report of Survey Mark

GENERAL MONUMENT INFORMATION

Designation:	IS1741	T.R.S:	25N, 5E, 4	ACCOUNTS INFORMATION		
Monument ID:	1993	Corner Code:		BOOK	PROJECT	INVOICE
State:	WASHINGTON	State Route:	405	227	XL1546	23-01050
County:	KING	Mile Post:	18.700	76	004161	23-95017
Region:	NW	Station:				
Nearest Town:	KIRKLAND	Offset:				
Usgs Quad:	KIRKLAND	Owner:	GS			
		Bearing:	M			

Description

TO REACH THE STATION FROM THE JUNCTION OF SR 405 AND SR 520, GO NORTH 3.95 MILES ALONG SR 405 TO MARK ON RIGHT. IT IS LOCATED IN THE EAST SHOULDER, 7.2 METERS SOUTHWEST OF BM17405-16. THE MARK IS A 3 CM IRON PIPE WITH AN ALUMINUM SURV CAP DRIVEN INTO THE GROUND AND UNDER A WSDOT MONUMENT CASE AND COVER.



CURRENT SURVEY CONTROL

DATUM	LATITUDE	UNIT	LONGITUDE	UNIT	NETWORK	METHOD	ACCURACY
NAD 83/91	47 41 15.150025	N	122 10 55.191536	W	SECONDARY	GPS	2 CM
	ELLIP HGT						
NAD 83	62.267	M				GPS	5 CM
	ORTHO HGT						
NAVD 88	85.714	M			SECONDARY	DIFF LEVELS	1 CM
SPC ZONE	NORTHING		UNIT EASTING		UNIT SCALE	CONV.ANGLE	COMB.FACTOR
N	77329.313	M	398757.416	M	0.99997030	-1 00 14.8	

MONUMENTATION HISTORY

DATE	RECOVERED BY	CONDITION
09/26/1995	GEOGRAPHIC SERVICES	MONUMENTED



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SURVEY INFORMATION SYSTEM

Report of Survey Mark

GENERAL MONUMENT INFORMATION

Designation:	BM17405-16	T.R.S:	25N, 5E , 4	ACCOUNTS INFORMATION		
Monument ID:	1994	Corner Code:		BOOK	PROJECT	INVOICE
State:	WASHINGTON	State Route:	405	76	C4161	23-95017
County:	KING	Mile Post:	18.700			
Region:	NW	Station:				
Nearest Town:	KIRKLAND	Offset:				
Usgs Quad:	KIRKLAND	Owner:	GS			
		Bearing:	M			

Description

TO REACH THE STATION FROM THE JUNCTION OF SR 405 AND SR 520, GO NORTH 3.95 MILES ALONG SR 405 TO MARK ON RIGHT. IT IS LOCATED IN THE NW CORNER OF A LARGE CONCRETE FOUNDATION FOR TWO ELECTRICAL BOXES (ES720D) AND 7.2 METERS NORTHEAST OF IS1741, 40 CM NORTHWEST OF AN ELECTRICAL CABINET. THE MARK IS A WSDOT BRASS DISK CEMENTED INTO A DRILL HOLE AND LEVEL WITH THE CONCRETE SURFACE.



CURRENT SURVEY CONTROL

DATUM	LATITUDE	UNIT	LONGITUDE	UNIT	NETWORK	METHOD	ACCURACY
NAD 83/91	47 41 15.300000	N	122 10 54.960000	W	OTHER	SCALE	10 M+
ORTHO HGT							
NAVD 88	85.561	M			PRIMARY	DIFF LEVELS	1 CM
SPC ZONE	NORTHING		UNIT EASTING		UNIT SCALE	CONV.ANGLE	COMB.FACTOR

N

MONUMENTATION HISTORY

DATE	RECOVERED BY	CONDITION
09/26/1995	GEOGRAPHIC SERVICES	MONUMENTED



Washington State
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Geographic Services

SURVEY INFORMATION SYSTEM

Report of Survey Mark

GENERAL MONUMENT INFORMATION

Designation:	BM17405-17	T.R.S:	26N, 5E, 33	ACCOUNTS INFORMATION		
Monument ID:	1995	Corner Code:		BOOK	PROJECT	INVOICE
State:	WASHINGTON	State Route:	405	76	C4161	23-95017
County:	KING	Mile Post:	19.000			
Region:	NW	Station:				
Nearest Town:	KIRKLAND	Offset:				
Usgs Quad:	KIRKLAND	Owner:	GS			
		Bearing:	M			

Description

TO REACH THE STATION FROM THE JUNCTION OF SR 405 AND SR 520, GO NORTH 4.25 MILES ALONG SR 405 TO MARK ON RIGHT. IT IS LOCATED IN THE NW CORNER OF A LARGE CONCRETE BASE FOR ELECTRICAL CONTROL CABINETS (ES 722D), 7.8 METERS NORTHEAST OF THE EAST EDGE OF PAVEMENT AND 50 CM NORTHWEST OF THE NW CORNER FOR THE NORTHERLY OF OF TWO CABINETS. THE MARK IS A WSDOT BRASS DISK CEMENTED INTO A DRILL HOLE AND LEVEL WITH THE CONCRETE SURFACE.



CURRENT SURVEY CONTROL

DATUM	LATITUDE	UNIT	LONGITUDE	UNIT	NETWORK	METHOD	ACCURACY
NAD 83/91	47 41 29.940000	N	122 10 50.820000	W	OTHER	SCALE	10 M+
	ORTHO HGT						
NAVD 88	76.665	M			PRIMARY	DIFF LEVELS	1 CM
SPC ZONE	NORTHING		UNIT EASTING		UNIT SCALE	CONV.ANGLE	COMB.FACTOR

N

MONUMENTATION HISTORY

DATE	RECOVERED BY	CONDITION
09/26/1995	GEOGRAPHIC SERVICES	MONUMENTED



Washington State
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SURVEY INFORMATION SYSTEM

Report of Survey Mark

GENERAL MONUMENT INFORMATION

Designation:	IS1742	T.R.S.:	26N, 5E, 33	ACCOUNTS INFORMATION		
Monument ID:	1996	Corner Code:		BOOK	PROJECT	INVOICE
State:	WASHINGTON	State Route:	405	227	XL1546	23-01050
County:	KING	Mile Post:	19.020	76	004161	23-95017
Region:	NW	Station:				
Nearest Town:	KIRKLAND	Offset:				
Usgs Quad:	KIRKLAND	Owner:	GS			
		Bearing:	M			

Description

TO REACH THE STATION FROM THE JUNCTION OF SR 405 AND SR 520, GO NORTH 4.30 MILES ALONG SR 405 TO MARK ON RIGHT. IT IS LOCATED IN THE EAST ASPHALT SHOULDER, 6.6 METERS NORTHWEST OF THE SOUTH END OF BEAM GUARD RAIL, 60 CM SOUTHWEST OF THE EAST EDGE OF PAVEMENT. THE MARK IS A 3 CM IRON PIPE WITH AN ALUMINUM SURV CAP DRIVEN INTO THE GROUND AND UNDER A MONUMENT CASE AND COVER.



CURRENT SURVEY CONTROL

DATUM	LATITUDE	UNIT	LONGITUDE	UNIT	NETWORK	METHOD	ACCURACY
NAD 83/91	47 41 32.432585	N	122 10 50.715931	W	SECONDARY	GPS	2 CM
	ELLIP HGT						
NAD 83	51.840	M				GPS	5 CM
	ORTHO HGT						
NAVD 88	75.267	M			SECONDARY	DIFF LEVELS	1 CM
SPC ZONE	NORTHING		UNIT EASTING		UNIT SCALE	CONV.ANGLE	COMB.FACTOR
N	77861.344	M	398860.078	M	0.99996968	-1 00 11.5	

MONUMENTATION HISTORY

DATE	RECOVERED BY	CONDITION
09/26/1995	GEOGRAPHIC SERVICES	MONUMENTED



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SURVEY INFORMATION SYSTEM

Report of Survey Mark

GENERAL MONUMENT INFORMATION

Designation:	IS1743	T.R.S:	26N, 5E, 33	ACCOUNTS INFORMATION		
Monument ID:	1997	Corner Code:		BOOK	PROJECT	INVOICE
State:	WASHINGTON	State Route:	405	227	XL1546	23-01050
County:	KING	Mile Post:	19.500	76	004161	23-95017
Region:	NW	Station:				
Nearest Town:	KIRKLAND	Offset:				
Usqs Quad:	KIRKLAND	Owner:	GS			
		Bearing:	M			

Description

TO REACH THE STATION FROM THE JUNCTION OF SR 405 AND SR 520, GO NORTH 4.70 MILES ALONG SR 405 TO MARK ON RIGHT. IT IS LOCATED IN THE EAST ASPHALT SHOULDER, 60 CM SOUTHWEST OF EAST EDGE OF PAVEMENT, 7.5 METERS NORTHWEST OF THE EAST END OF A 68 CM DIAMETER CULVERT PIPE RUNNING UNDER THE HIGHWAY. THE MARK IS A 3 CM IRON PIPE WITH AN ALUMINUM SURV CAP DRIVEN INTO THE GROUND AND UNDER A MONUMENT CASE AND COVER.



CURRENT SURVEY CONTROL

DATUM	LATITUDE	UNIT	LONGITUDE	UNIT	NETWORK	METHOD	ACCURACY
NAD 83/91	47 41 52.560368	N	122 10 47.451636	W	SECONDARY	GPS	2 CM
	ELLIP HGT						
NAD 83	38.398	M				GPS	5 CM
	ORTHO HGT						
NAVD 88	61.822	M			SECONDARY	DIFF LEVELS	1 CM
SPC ZONE	NORTHING	UNIT	EASTING	UNIT	SCALE	CONV.ANGLE	COMB.FACTOR
N	78481.676	M	398939.009	M	0.99996896	-1 00 09.0	

MONUMENTATION HISTORY

DATE	RECOVERED BY	CONDITION
09/26/1995	GEOGRAPHIC SERVICES	MONUMENTED



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SURVEY INFORMATION SYSTEM

Report of Survey Mark

GENERAL MONUMENT INFORMATION

Designation:	BM17405-18	T.R.S:	26N, 5E , 33	ACCOUNTS INFORMATION		
Monument ID:	1998	Corner Code:		BOOK	PROJECT	INVOICE
State:	WASHINGTON	State Route:	405	76	C4161	23-95017
County:	KING	Mile Post:	19.659			
Region:	NW	Station:				
Nearest Town:	KIRKLAND	Offset:				
Usqs Quad:	KIRKLAND	Owner:	GS			
		Bearing:	M			

Description

TO REACH THE STATION FROM THE JUNCTION OF SR 405 AND SR 520, GO NORTH 4.9 MILES ALONG SR 405 TO MARK ON RIGHT. IT IS LOCATED NEAR THE SOUTH END OF THE EXIT 20A OFF RAMP AND IN THE SW CORNER OF A LARGE CONCRETE BASE FOR A SIGN BRIDGE SUPPORTING HIGHWAY SIGNS (EXIT 20A AND 20B). THE MARK IS A WSDOT BRASS DISK CEMENTED INTO A DRILL HOLE AND LEVEL WITH THE CONCRETE SURFACE, 6.2 METERS NE OF THE EAST EDGE OF PAVEMENT.



CURRENT SURVEY CONTROL

DATUM	LATITUDE	UNIT	LONGITUDE	UNIT	NETWORK	METHOD	ACCURACY
NAD 83/91	47 42 02.820000	N	122 10 45.120000	W	OTHER	SCALE	10 M+
	ORTHO HGT						
NAVD 88	56.944	M			PRIMARY	DIFF LEVELS	1 CM
SPC ZONE	NORTHING		UNIT EASTING		UNIT SCALE	CONV.ANGLE	COMB.FACTOR

N

MONUMENTATION HISTORY

DATE	RECOVERED BY	CONDITION
09/26/1995	GEOGRAPHIC SERVICES	MONUMENTED



Washington State
Department of Transportation

Geographic Services

SURVEY INFORMATION SYSTEM

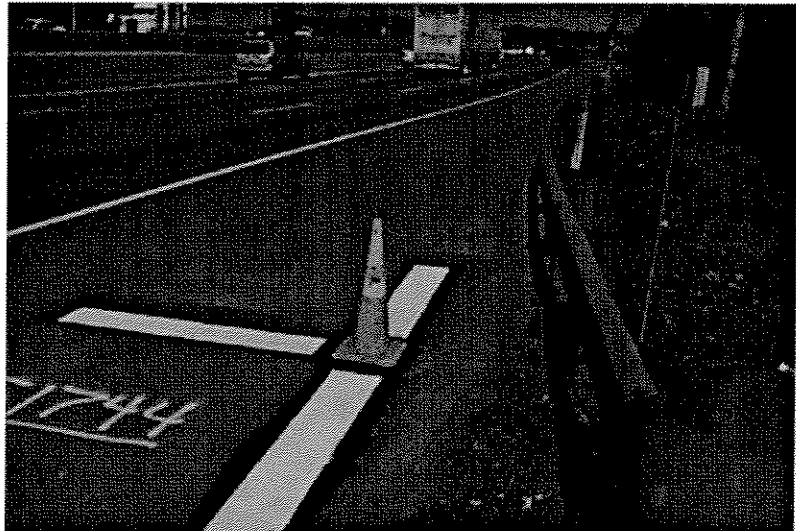
Report of Survey Mark

GENERAL MONUMENT INFORMATION

Designation:	IS1744	T.R.S:	26N, 5E, 33	ACCOUNTS INFORMATION		
Monument ID:	1999	Corner Code:		BOOK	PROJECT	INVOICE
State:	WASHINGTON	State Route:	405	76	004161	23-95017
County:	KING	Mile Post:	19.860	XL1546	XL1546	23-01050
Region:	NW	Station:				
Nearest Town:	KIRKLAND	Offset:				
Usgs Quad:	KIRKLAND	Owner:	GS			
		Bearing:	M			

Description

TO REACH THE STATION FROM THE JUNCTION OF SR 405 AND SR 520, GO NORTH 5.10 MILES ALONG SR 405 TO MARK ON RIGHT. IT IS LOCATED 33.9 METERS SOUTHEAST OF THE EAST END OF NE 116TH ST OVERCROSSING AND 2.6 METERS NORTHWEST OF THE SOUTH END OF BEAM GUARD RAIL. THE MARK IS A 3 CM DIAMETER IRON PIPE WITH AN ALUMINUM SURV CAP DRIVEN INTO THE GROUND AND UNDER A MONUMENT CASE AND COVER.



CURRENT SURVEY CONTROL

DATUM	LATITUDE	UNIT	LONGITUDE	UNIT	NETWORK	METHOD	ACCURACY
NAD 83/91	47 42 12.442331	N	122 10 45.337627	W	SECONDARY	GPS	2 CM
	ELLIP HGT						
NAD 83	35.456	M				GPS	5 CM
	ORTHO HGT						
NAVD 88	58.871	M			SECONDARY	DIFF LEVELS	1 CM
SPC ZONE	NORTHING		UNIT EASTING		UNIT SCALE	CONV.ANGLE	COMB.FACTOR
N	79094.838	M	398993.817	M	0.99996827	-1 00 07.5	

MONUMENTATION HISTORY

DATE	RECOVERED BY	CONDITION
09/26/1995	GEOGRAPHIC SERVICES	MONUMENTED
07/14/1998	GEOGRAPHIC SERVICES	GOOD



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SURVEY INFORMATION SYSTEM

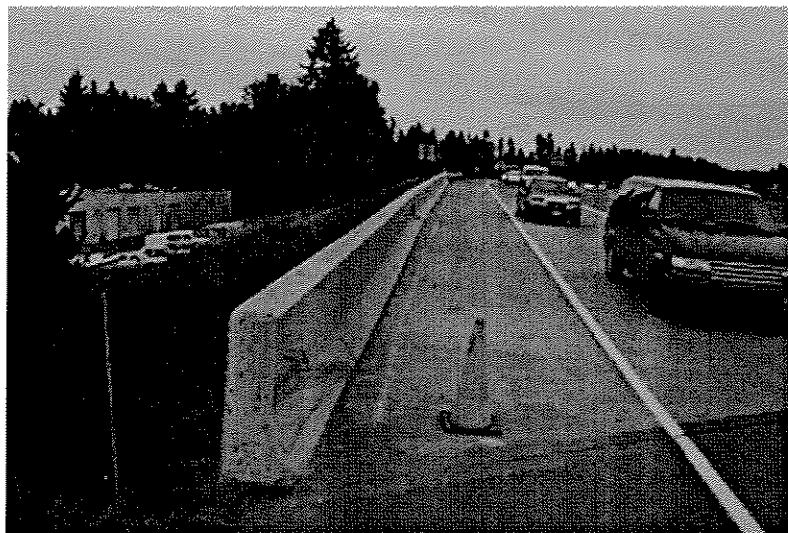
Report of Survey Mark

GENERAL MONUMENT INFORMATION

Designation:	GP17405-76	T.R.S:	26N, 5E, 29	ACCOUNTS INFORMATION		
Monument ID:	908	Corner Code:		BOOK	PROJECT	INVOICE
State:	WASHINGTON	State Route:	405	227	XL1546	23-01050
County:	KING	Mile Post:	20.010	76	004161	23-95017
Region:	NW	Station:				
Nearest Town:	KIRKLAND	Offset:				
Usgs Quad:	KIRKLAND	Owner:	GS			
		Bearing:	M			

Description

TO REACH THE STATION FROM THE JUNCTION OF SR 405 AND SR 908 IN KIRKLAND, GO NORTH 1.9 MILES ALONG SR 405 TO MARK ON RIGHT. IT IS LOCATED 70 CM SOUTHWEST OF THE END OF CONCRETE BARRIER, 1.5 METERS SOUTH OF A PAVEMENT SEAT AND 80 CM WEST OF A BARRIER WALL. THE MARK IS A WSDOT BRASS DISK SET INTO CONCRETE BRIDGE DECK AND IS LEVEL WITH SURFACE.



CURRENT SURVEY CONTROL

DATUM	LATITUDE	UNIT	LONGITUDE	UNIT	NETWORK	METHOD	ACCURACY	
NAD 83/91	47 42 23.602112	N	122 10 48.239729	W	PRIMARY	GPS	2 CM	
	ELLIP HGT							
NAD 83	34.194	M				GPS	5 CM	
	ORTHO HGT							
NAVD 88	57.606	M			PRIMARY	DIFF LEVELS	1 CM	
SPC ZONE	NORTHING		UNIT	EASTING	UNIT	SCALE	CONV.ANGLE	COMB.FACTOR
N	79440.498	M	398939.357	M	0.99996788	-1 00 09.6		

MONUMENTATION HISTORY

DATE	RECOVERED BY	CONDITION
03/01/1993	GEOGRAPHIC SERVICES	MONUMENTED



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SURVEY INFORMATION SYSTEM

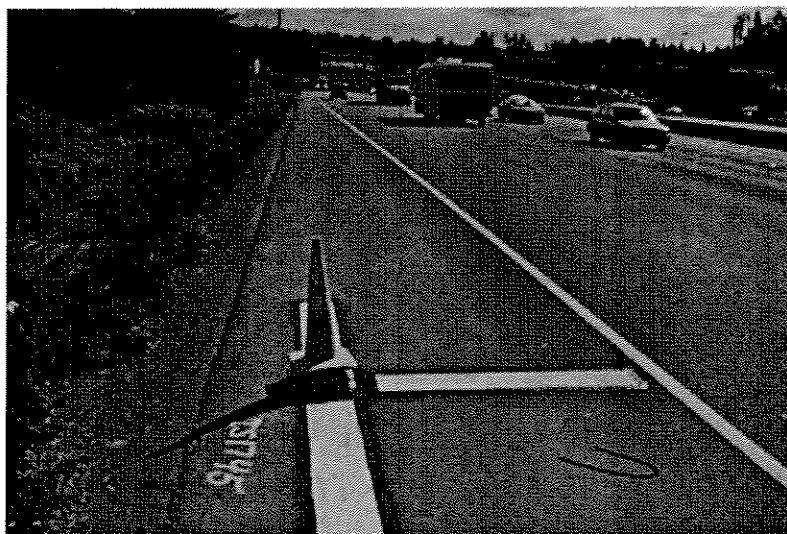
Report of Survey Mark

GENERAL MONUMENT INFORMATION

Designation:	IS1745	T.R.S:	26N, 5E, 28	ACCOUNTS INFORMATION		
Monument ID:	2000	Corner Code:		BOOK	PROJECT	INVOICE
State:	WASHINGTON	State Route:	405	227	XL1546	23-01050
County:	KING	Mile Post:	20.709	76	004161	23-95017
Region:	NW	Station:				
Nearest Town:	KIRKLAND	Offset:				
Usgs Quad:	KIRKLAND	Owner:	GS			
		Bearing:	M			

Description

TO REACH THE STATION FROM THE JUNCTION OF SR 405 AND SR 520, GO NORTH 5.95 MILES ALONG SR 405 TO MARK ON RIGHT. IT IS LOCATED IN THE EAST ASPHALT SHOULDER, 2.6 METERS SOUTHWEST OF LUMINAIRE # 6. THE MARK IS A 3 CM IRON PIPE WITH AN ALUMINUM SURV CAP DRIVEN INTO THE GROUND AND UNDER A WSDOT MONUMENT CASE AND COVER.



CURRENT SURVEY CONTROL

DATUM	LATITUDE	UNIT	LONGITUDE	UNIT	NETWORK	METHOD	ACCURACY
NAD 83/91	47 42 53.683759	N	122 11 06.121161	W	SECONDARY	GPS	2 CM
	ELLIP HGT						
NAD 83	24.434	M				GPS	5 CM
	ORTHO HGT						
NAVD 88	47.828	M			SECONDARY	DIFF LEVELS	1 CM
SPC ZONE	NORTHING		UNIT EASTING		UNIT SCALE	CONV.ANGLE	COMB.FACTOR
N	80375.921	M	398582.977	M	0.99996685	-1 00 22.9	

MONUMENTATION HISTORY

DATE	RECOVERED BY	CONDITION
09/26/1995	GEOGRAPHIC SERVICES	MONUMENTED



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Geographic Services

SURVEY INFORMATION SYSTEM

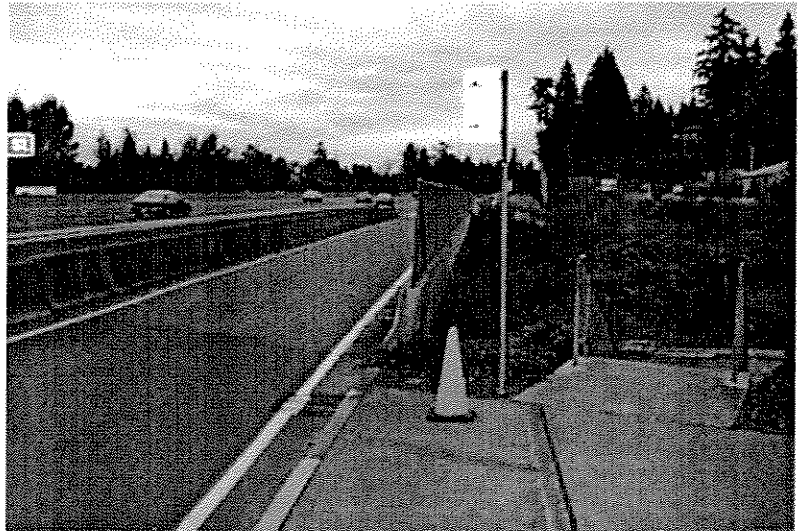
Report of Survey Mark

GENERAL MONUMENT INFORMATION

Designation:	GP17405-77	T.R.S:	26N, 5E, 29	ACCOUNTS INFORMATION		
Monument ID:	909	Corner Code:		BOOK	PROJECT	INVOICE
State:	WASHINGTON	State Route:	405	227	XL1546	23-01050
County:	KING	Mile Post:	20.920	76	004161	23-95017
Region:	NW	Station:				
Nearest Town:	KIRKLAND	Offset:				
Usqs Quad:	KIRKLAND	Owner:	GS			
		Bearing:	M			

Description

TO REACH THE STATION FROM THE JUNCTION OF SR 405 AND SR 908 IN KIRKLAND, GO NORTH 2.8 MILES ALONG SR 405 TO MARK ON RIGHT. IT IS LOCATED 3.0 METERS SOUTHEAST OF A PAVEMENT SEAT, 3.0 METERS SOUTHWEST OF A STAIR HANDRAIL, 6.0 METERS SOUTHWEST OF THE NW CORNER OF BUS STOP SHED AND 90 CM NORTHEAST OF THE EDGE OF SIDEWALK. THE MARK IS A WSDOT BRASS DISK SET INTO AND LEVEL WITH CONCRETE SIDEWALK.



CURRENT SURVEY CONTROL

DATUM	LATITUDE	UNIT	LONGITUDE	UNIT	NETWORK	METHOD	ACCURACY	
NAD 83/91	47 43 05.493909	N	122 11 12.826151	W	PRIMARY	GPS	2 CM	
	ELLIP HGT							
NAD 83	33.137	M				GPS	5 CM	
	ORTHO HGT							
NAVD 88	56.533	M			PRIMARY	DIFF LEVELS	1 CM	
SPC ZONE	NORTHING		UNIT	EASTING	UNIT	SCALE	CONV.ANGLE	COMB.FACTOR
N	80743.061	M	398449.665	M	0.99996645	-1 00 27.9		

MONUMENTATION HISTORY

DATE	RECOVERED BY	CONDITION
03/01/1993	GEOGRAPHIC SERVICES	MONUMENTED